SECTOR ABS AND ASSOCIATED DRAWINGS

MAY 2001

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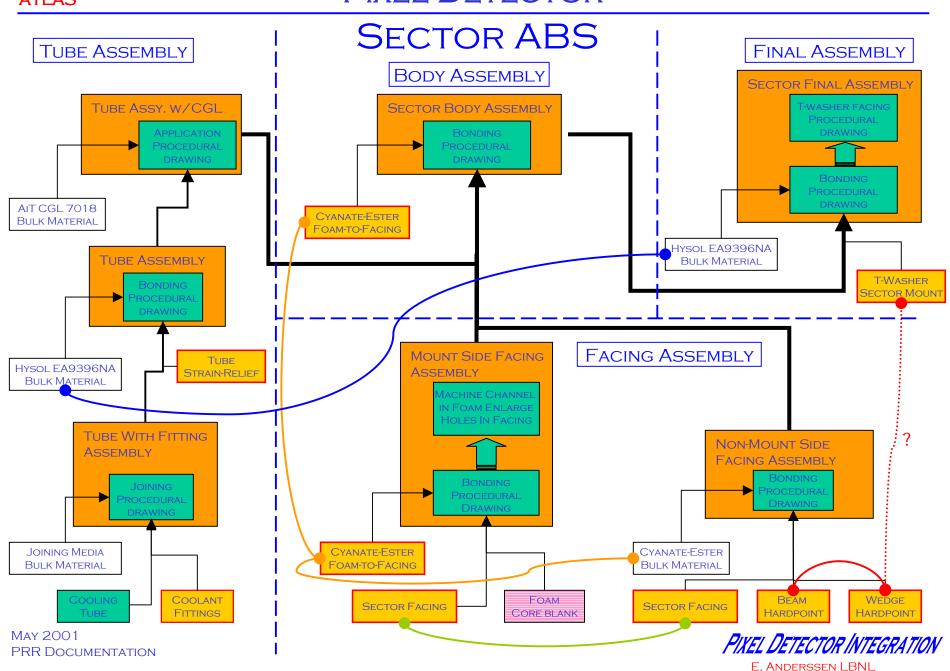
E. ANDERSSEN, LBNL

HIERARCHICAL ABS

SECTOR FINAL ASSEMBLY

- Hysol EA9396NA
- Sector Mounting T-Washers (3)
- Sector Body Assembly (1)
 - CYANATE-ESTER FOAM-TO-FACING PRECUT PART (1)
 - TUBE ASSEMBLY W/CGL ASSEMBLY (1)
 - CGL-(Bulk measured amount)
 - COOLING TUBE ASSEMBLY (1)
 - » STRAIN RELIEF (2)
 - » COOLING TUBE W/FITTINGS (1) (SUB-PARTS ARE COOLING TUBE AND (2) FITTINGS
 - MOUNT-SIDE FACING ASSEMBLY (1)
 - CYANATE-ESTER BULK FILM ADHESIVE (AS REQUIRED)
 - FACING (1)
 - BEAM HARDPOINTS (2)
 - WEDGE HARDPOINTS (2)
 - Non-Mount-Side Facing Assembly (1)-requires process drawing
 - CYANATE-ESTER FOAM-TO-FACING PRECUT PART (1)
 - FACING (1)
 - FOAM BLANK (1)

PIXEL DETECTOR



PIXEL DETECTOR

KEY TO DRAWING REQUIREMENTS

HYSOL EA9396NA BULK MATERIAL

NO DRAWING-ONLY MATERIAL SPECIFICATION REQUIRED



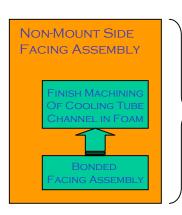
DRAWING OF FABRICATED PART AS IT APPEARS IN FINAL SECTOR



DRAWING OF PART WHICH IS LATER PROCESSED TO FINAL SHAPE



DRAWING FOR PROCESSED PART TO FINISHED PART DIMENSIONS



MAJOR ASSEMBLY OF SUB-COMPONENTS

- COLLECTS INTERMEDIATE PROCESS STEPS RESULTING IN FINISHED ASSEMBLY
- IMPLIES SIGNIFICANT AMOUNT OF TOOLING
- •QC PROCESS WHICH VERIFIES SUCCESS OF ASSEMBLY PROCESS



ITEMS SHARE COMMON MATERIAL SPECIFICATION



